MONTHLY

BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

VOL. 11, NO. 8, AUGUST 1973

(PAGE NOS. 109 - 124)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLUM ISLAND ANIMAL DISEASE CENTER
POST OFFICE BOX 848
GREENPORT, LONG ISLAND, NEW YORK 11944

1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
5. ON THE RIGHT MARGIN:
   - PIL - Article appears in a periodical (journal) in library.
   - PIL/A - Article authored by PIADC staff member(s).
   - NUMBER - Publication is available in "Reprint File" under indicated number.
   - LIBR. CLASSIF. CALL NUMBER - Book is available in library.
   - CIRC FILE - Publication is in Circulating Files in library.

MULTIPLE SUBJECT AREA

BROWN, F., and HULL, R.
Comparative virology of the small RNA viruses.
FMD; VES; SVD.
J. Gen. Virol. 20(Suppl.):43-60, 1973. PIL

COOPER, J.E
Establishment of a colony of mice free from lymphocytic choriomeningitis in Kenya.
FMD; RVF.
Lab. Anim. 7(2):111-117, 1973. PIL

DALES, S.
Early events in cell-animal virus interactions.
VSV; Vienna.
Bacteriol. Rev. 37(2):103-135, 1973. PIL

DMOCHOWSKI, L.
Introductory review. Molecular mechanisms in viral neoplasia of animals and their implications in the origin of cancer in man.
VSV; Vienna.
Am. J. Clin. Pathol. 60(1):3-18, 1973. PIL

HUTTON, N.E.
Data retrieval systems for animal disease information.
ASF; VSE; FMD.
In: Int. Summer Sch. Comput. Res. Anim. Nutr. Vet. Med., Elsinore, Den., 1972, Proc. ..., p. 349-366, ed. by A. Madsen, and P. Willeberg. Copenhagen, Frederiksberg Bogtrykkeri, 563 p., illus., 1972. QA 267 I60

JOUBERT, L., and others.*
Pathogenicite residuelle d'une souche de virus de la stomatite vesiculeuse contagieuse (Indiana) de culture cellulaire. III. Histopathologie des lesions cutaneomuqueuses et cytologie cellulaire.
VSV; FMD.
Bull. Acad. Vet. Fr. 46(3):145-154, 1973. PIL
*P. Tuaillon, F. Chabrouty, M. Fedida, Ph. Desmettre, / and M. Prave.

KNUDSON, D.L.
Rhabdoviruses.
VSV; Ephemeral fever.
J. Gen. Virol. 20(Suppl.):105-130, 1973. PIL

LINDLEY, E.P.
Control measures against contagious bovine pleuropneumonia in Ivory Coast.
CBPP; Rinderpest.
World Anim. Rev. No. 6:1-5, 1973. PIL

NDUAKA, O., and IREMELANDU, E.C.
Observations on 'pneumonia-enteritis complex' in dwarf goats in Eastern States of Nigeria—preliminary report.
CCPP; Cont. ecthyma; Rinderpest.
Bull. Epizoot. Dis. Afr. 21(1):87-98, 1973. PIL

PERREAU, P.
Mycoplasmes de la chevre apparentes a l'espece Mycoplasma dispar. [Goat mycoplasma closely related to Mycoplasma dispar species.]
CBPP; Cont. agalactia; CCPP.
Rev. Elev. Med. Vet. Pays Trop. 26(1):13-25, 1973. PIL

RWEYEMAMU, M.M., and LORETU, K.
Isolation of "non-syncytia forming" herpes viruses from cattle in Tanzania.
Bov. mamm.; Duck plague; FMD.
J. Comp. Pathol. 83(3):377-386, 1973. PIL

SULLIVAN, R., and others.*
Gamma radiation inactivation of coxsackievirus B2.
FMD; VEE.
Appl. Microbiol. 26(1):14-17, 1973.
*P.V. Scarpino, A.C. Fassolitis, E.P. Larkin, and J.T. Peeler. PIL

TESSLER, J.
Vesicular lesions produced in guinea pigs by a Staphylococcus aureus strain.
FMD; VES.
Can. J. Comp. Med. 37(3):323-324, 1973. PIL/A & #

AFRICAN HORSE SICKNESS

WOOD, H.A.
Viruses with double-stranded RNA genomes.
J. Gen. Virol. 20(Suppl.):61-85, 1973. PIL

AFRICAN SWINE FEVER

KELLY, D.C., and ROBERTSON, J.S.
Icosahedral cytoplasmic deoxyriboviruses.
J. Gen. Virol. 20(Suppl.):17-41, 1973. PIL

SAITO, Y., and others.*
Electron microscopic study of entry of Ibaraki virus into cells.
Pres. Proc. 74th Meet. Jap. Soc. Vet. Sci., Obihiro Zootech. Univ., August 30-31, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):26(56), 1973.
* PIL

BOVINE MAMMILLITIS

PARKS, J.B., and KENDRICK, J.W.
The isolation and partial characterization of a herpesvirus from a case of bovine metritis.
Arch. Gesamte Virusforsch. 41(3):211-215, 1973. PIL

CAPRINE PLEUROPNEUMONIA

DOGUER, M.
Mycoplasma capri suslarinin yasama müddetleriyle ilgili arastirma. [Studies on the viability of the lyophilized Mycoplasma capri strains.] English summary.
Etlik Vet. Bakteriyol. Enst. Derg. 4(1-2):75-79, 1972 (Turk.). PIL

CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

MORENO HERNANDEZ, F.A.
Sensibilidad a la tilosina de diez cepas de Mycoplasma agalactia, aisladas de casos de agalaxia contagiosa de ovejas y cabras en Espana. [Sensitivity to tylosin of ten strains of Mycoplasma agalactiae, isolated from cases of contagious agalactia of sheep and goats in Spain.]
Zootechnia 21(11/12):485-497, 1972 (Span.).
Vet. Bull. 43(7):356(2790), 1973. PIL

CONTAGIOUS BOVINE PLEUROPNEUMONIA

LLOYD, L.C., COTTEW, G.S., and ETHERIDGE, J.
Pleuropneumonia of cattle.
In: Annu. Rep., 1971, p. 22-25. Commonw. Sci. Ind. Res. Organ., Div. Anim. Health. East Melbourne, Aust., 104 p., 1972.
Index Vet. 41(6):67, 1973. PIL

CONTAGIOUS ECTHYMA OF SHEEP

ANON.
Orf and milkers' nodes.
Br. Med. J. I(5851):497, 1973.
Index Vet. 41(7):16, 1973. PIL

BOAZ, T.G., WATT, J.A.A., and GIBSON, T.E.
Lowland sheep management systems.
Vet. Rec. 92(22):577-580, 1973. PIL

DASHTSEREN, Ts.
Contagious ecthyma of sheep and goats (in Mongolia).
Veterinariya (Mosc.) (2):109-111, 1973 (Russ.).
Index Vet. 41(6):55, 1973. PIL

SUKEEV, Sh.S.
Contagious pustular dermatitis of sheep and goats (in Kirgizia).
Veterinariya (Mosc.) (2):51-52, 1973 (Russ.).
Index Vet. 41(6):78, 1973. PIL

DUCK PLAGUE

MARE, C.J., and GRAHAM, D.L.
Falcon herpesvirus, the etiologic agent of inclusion body disease of falcons.
Infect. Immun. 8(1):118-126, 1973. PIL

EAST COAST FEVER

BURRIDGE, M.J., KIMBER, C.D., and YOUNG, A.S.
Use of the indirect fluorescent antibody technique in serologic studies of Theileria lawrencei infections in cattle.
Am. J. Vet. Res. 34(7):897-900, 1973. PIL

CUNNINGHAM, M.P.
East Coast fever: infectivity for cattle of infective particles of Theileria parva harvested in various substrates.
Int. J. Parasitol. 3(3):335-338, 1973.
Bibliogr. Agric. 37(8):47(075710), 1973. PIL

CUNNINGHAM, M.P.
East Coast fever of cattle: 60Co [cobalt] irradiation of infective particles of Theileria parva.
J. Protozool. 20(2):298-300, 1973.
Bibliogr. Agric. 37(8):48(075732), 1973. PIL

DeMARTINI, J.C., and MOULTON, J.E.
Responses to the bovine lymphatic system to infection by Theileria parva. I. Histology and ultrastructure of lymph nodes in experimentally-infected calves.
J. Comp. Pathol. 83(3):281-298, 1973. PIL

DeMARTINI, J.C., and MOULTON, J.E.
Responses of the bovine lymphatic system to infection by Theileria parva. II. Changes in the central lymph in experimentally-infected calves.
J. Comp. Pathol. 83(3):299-306, 1973. PIL

McKELVEY, J.J., Jr.
Man vs. fly.
RF Illus. 1(3):4-5, June 1973. #8740

MUGERA, G.M., and MUNYUA, W.K.
A study of developmental stages of Theileria parva by electron microscopy.
Bull. Epizoot. Dis. Afr. 21(1):51-66, 1973. PIL

MUNYUA, W.K., and others.*
Pathology of East Coast fever in experimental bovine.
Bull. Epizoot. Dis. Afr. 21(1):39-49, 1973.
*G.M. Mugera, P. Bitakaramire, and P. Nderito. PIL

MUNYUA, W.K., MUGERA, G.M., and BITAKARAMIRE, P.K.
Pathogenesis and pathology of East Coast fever induced by irradiated ticks.
Bull. Epizoot. Dis. Afr. 21(1):75-85, 1973. PIL

PEIRCE, M.A., IRVIN, A.D., and PURNELL, R.E.
Observations on the behaviour of Hyalomma albiparmatum Schulze and Schlottke, 1930, under laboratory conditions.
Bull. Epizoot. Dis. Afr. 21(1):29-32, 1973. PIL

PICAE TELLO, M.
East Coast fever.
Gaz. Agr. (Lourenco Marques) 24(280):282-283, 1972 (Port.).
Bibliogr. Agric. 37(8):47(075693), 1973. PIL

EPHEMERAL FEVER

HORE, D.E., CAMPBELL, J., and TURNER, A.J.
A serological survey for viral antibodies in wild ducks.
Aust. Vet. J. 49(5):238-239, 1973. PIL

INABA, Y., and others.*
Killed vaccine of bovine ephemeral fever.
Pres. Proc. 73rd Meet. Jap. Soc. Vet. Sci., Nihon Univ., April 2-4, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):3(46), 1973.
* PIL

KISHI, S., and others.*
A field investigation of antibody response in cattle vaccinated with living or killed ephemeral fever virus.
Pres. Proc. 73rd Meet. Jap. Soc. Vet. Sci., Nihon Univ., April 2-4, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):3(48), 1973.
* PIL

KODAMA, K., and others.*
Studies on bovine ephemeral fever. Virus distribution in tissues from experimentally infected calves, and virus growth in cultured cells from calf tissues.
Pres. Proc. 74th Meet. Jap. Soc. Vet. Sci., Obihiro Zootech. Univ., August 30-31, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):25(41), 1973.
* PIL

KUROGI, H., and others.*
Outbreaks of bovine ephemeral fever in 1971.
Pres. Proc. 73rd Meet. Jap. Soc. Vet. Sci., Nihon Univ., April 2-4, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):3(45), 1973.
* PIL

SATO, K., and others.*
Large scale cultivation of bovine ephemeral fever virus.
Pres. Proc. 74th Meet. Jap. Soc. Vet. Sci., Obihiro Zootech. Univ., August 30-31, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):25(40), 1973.
* PIL

SHINZATO, I., and others.*
Field trial of bovine ephemeral fever-inactivated vaccine.
Pres. Proc. 73rd Meet. Jap. Soc. Vet. Sci., Nihon Univ., April 2-4, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):3(47), 1973.
* PIL

FOOT-AND-MOUTH DISEASE

AMFITEATROV, F.Z., GIZATULLINA, N.K., and VASYUNIN, V.M.
Inaktivatsiya virusa yashchura metilglioksalem.
[The inactivation of foot and mouth disease virus with methylgloxal.]
Veterinariya (Mosc.) (5):64-65, 1973 (Russ.).
Foot and Mouth Dis. Bull.(Wellcome Res. Labs.,Kent) 12(7):96, 1973. SF 793 W4
Abstr.in: Chem. Abstr. 79(11):77-78(62021x), 1973. PIL

ANON.
Foot and mouth disease in Austria, 1972-1973.
Osterreichische Tierärzte Ztg. 26(2):1-2, 4, 1973 (Ger.).
Index Vet. 41(7):26, 1973. PIL

BACHRACH, H.L., SWANEY, J.B., and VANDE WOUDE, G.F.
Isolation of the structural polypeptides of foot-and-mouth disease virus and analysis of their C-terminal sequences.
Virology 52(2):520-528, 1973. PIL/A & #7376

BONDARENKO, H.F.
Measures for controlling foot-and-mouth disease in swine.
Visn. Sil's'kohospod. Nauki (1):99-101, 1973(Ukr.).
Bibliogr. Agric. 37(7):57(065828), 1973. PIL

BROOKSBY, J.B.
Exotic diseases and their interference with animal movement.
Br. Cattle Breeders Club Dig. 28:26-29, 1973.
Bibliogr. Agric. 37(7):51(065436), 1973. PIL

FEDIDA, D.V.M.
Foot-and-mouth disease is almost gone in France: Must one continue to vaccinate cattle?
Elevage 16:43, 45, 47, 49, 51, 1973 (Fr.).
Bibliogr. Agric. 37(7):51(065467), 1973. PIL

FIGUEROA, F., OHLBAUM, A., and CONTRERAS, G.
Neutralizing antibody response in bovine serum and nasal and salivary secretions after immunization with live or inactivated foot-and-mouth disease virus.
Infect.Immun. 8(2):296-298, 1973. PIL

HALL, J.M.
Milk production in Brazil.
World Anim. Rev. No. 6:10-14, 1973. PIL

HARLEY, E.H., WHITE, J.S., and REES, K.R.
The identification of different structural classes of nucleic acids by electrophoresis in polyacrylamide gels of different concentration.
Biochim. Biophys. Acta 299(2):253-263, 1973. PIL

HEDGER, R.S., FORMAN, A.J., and WOODFORD, M.H.
Foot-and-mouth disease virus in East African buffalo.
Bull. Epizoot. Dis. Afr. 21(1):99-101, 1973. PIL

KALMYIKOV, V.A., and others.*
Ispol'zovanie linii kletok PPEK dlya izgotovleniya protivoyashchurnoi vaktsing. / Use of the PPEK cell line for production of foot and mouth disease vaccines. /
Veterinariya (Mosc.) (5):62-64, 1973 (Russ.).
Foot and Mouth Dis. Bull.(Wellcome Res. Labs.,Kent) 12(7):96, 1973.
*G.G. Nuriev, T.N. Romanovich, and S.Kh. Khaertynov. SF 793 W4

KHAZIPOV, N.Z., and TYURIKOVA, R.P.
Biosintez belkov i ribonukleinovykh kislot v kletkakh pri razmnozhenii virusa yashchura. / Synthesis of protein and RNA in cells during foot and mouth disease virus multiplication. /
Veterinariya (Mosc.) (5):65-67, 1973 (Russ.).
Foot and Mouth Dis. Bull.(Wellcome Res. Labs., Kent) 12(7):96,1973. SF 793 W4

KINDYAKOV, V.I.
Epizootiologic importance of interrelationship between wild and domestic animals in case of foot-and-mouth disease.
Vopr. Prir. Ochagovosti Bolezn. (5):61-63, 1972 (Russ.).
Bibliogr. Agric. 37(7):57(065844), 1973. PIL

LAPORTE, J., and LEMOIR, G.
Structural proteins of foot-and-mouth disease virus.
J. Gen. Virol. 20(2):161-168, 1973. PIL

LAPORTE, J., and others.*
Neutralisation en culture cellulaire du pouvoir infectieux du virus de la fievre aphteuse par des serums provenant de porcs immunises a l'aide d'une proteine virale purifiee.
C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 276(25):3399- , 1973 (Fr.).
Curr. Contents-Life Sci. 16(32):M-6, 1973.
*J. Grosclaude, J. Wantyghem, S. Bernard, and P. Rouze. PIL

LAZARUS, L.H., and ITIN, A.
Activity of foot-and-mouth disease virus RNA-dependent RNA polymerase in vitro: inhibition by polyamines and poly(amino acid)s.
Arch. Biochem. Biophys. 156(1):154-160, 1973. PIL

MALINOVSKII, I.G.
Isolating foot-and-mouth-disease virus with ejaculate of artificially infected breeding bulls.
Vestn. S-kh. Nauki (Mosc.) (1):82-83, 1973(Russ.).
Bibliogr. Agric. 37(7):54(065676), 1973. PIL

MITEV, G., and others.*
Pig foot-and-mouth disease vaccines produced with different adjuvants.
Vet. Med. Nauki 10(1):55-60, 1973 (Bulg.).
Chem. Abstr. 79(4):332(23537a), 1973.
*P. Tekerlekov, Z. Zhlebinkov, and I. Shopov. See-PIL-** (below)/

MITEV, G., and others.*
Prouchvaniya na protivoshapni vaktsini za svine, prigotoveni s razlichni adzhuvanti. / Studies on foot-and-mouth disease vaccines for pigs produced with different adjuvants. /
Vet. Med. Nauki 10(1):55-60, 1973 (Bulg., engl.).
Index Vet. 41(6):69, 1973. PIL &-** #8776 /
*P. Tekerlekov, Z. Zhlyabinkov, and I. Shopov.

MOWAT, G.N., MASTERS, R.C., and PRINCE, M.J.
Enhancement of immunizing potency of a foot-and-mouth disease vaccine for cattle by treatment of the antigen with formaldehyde.
Arch. Gesamte Virusforsch. 41(4):365-370, 1973. PIL

PHILIPSON, L., BEATRICE, S.T., and CROWELL, R.L.
A structural model for picornaviruses as suggested from an analysis of urea-degraded virions and procapsids of coxsackievirus B3.
Virology 54(1):69-79, 1973. PIL

PLANS Y SANS DE BREMOND, F.
Foot-and-mouth disease, enemy number one of animal husbandry economy.
Esp. Agrar. 200:7-9, 1973 (Span.).
Bibliogr. Agric. 37(7):51(065468), 1973. PIL

PLANS Y SANZ DE BREMONE, F.
Foot-and-mouth disease menace today.
Esp. Agrar. 200:9-10, 1973 (Span.).
Bibliogr. Agric. 37(7):51(065469), 1973. PIL

PUSTIGLIONE NETTO, L.
Vacinas contra a febre aftosa. [Vaccines against foot and mouth disease.]
Biologico (Sao Paulo) 38(12):429-432, 1972 (Port.).
Index Vet. 41(7):103, 1973. PIL

RIVENSON, S., and others.*
Estudio comparativo con un nuevo tipo de vacuna antiaftosa oleosa en bovinos. [Comparative study with a new oil vaccine against foot and mouth disease in bovines.]
English summary.
Rev. Invest. Agropecu., Ser. 4-Patol. Anim. 9(2): 53-80, 1972.
*O. Ibarra, O.P. Gaggino, O. Laporte, H. Garcia Olano, J.C. Pizzi, and L. Marangunich. PIL

SAKAKI, K., and others.*
Serological survey of foot-and-mouth disease in cattle in the Southern Region of Thailand designated as free-zone of foot-and-mouth disease.
Pres. Proc. 73rd Meet. Jap. Soc. Vet. Sci., Nihon Univ., April 2-4, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):3-4(51), 1973. PIL
*

SALAZHOV, E.L., and others.*
Results of studies on the immunobiological properties of foot and mouth disease virus.
Tr. Vses. Inst. Eksp. Vet. 40:225-235, 1972(Russ.).
Index Vet. 41(6):74, 1973.
*V.S. Avilov, A.I. Lebedova, A.G. Revenkov, and M.M. Gogolev. PIL

SOBKO, A.I., and others.*
Antigennye svoistva virusa yashchura kontsentrirovannogo polietilenglikolem. [Antigenic properties of foot and mouth disease virus concentrated by polyethylene glycol.]
Veterinariya (Mosc.) (5):67-68, 1973 (Russ.).
Foot and Mouth Dis. Bull.(Wellcome Res. Labs.,Kent) 12(7):96, 1973.
*V.N. Prokhorov, L.N. Sokolov, and E.G. Koshetsyan. SF 793 W4

WAGNER, S.
Philosophische Aspekte in der Virusgenetik und ihre Bedeutung für die Veterinärvirologie. / Philosophical aspects of virus genetics and their importance to veterinary virology. / English summary.
Monatsh. Veterinärmed. 28(11):401-407, 1973. PIL

WARRINGTON, R.E., CUNLIFFE, H.R., and BACHRACH, H.L.
Derivatives of aziridine as inactivants for foot-and-mouth disease virus vaccines. PIL/A & #7379
Am. J. Vet. Res. 34(8):1087-1091, 1973.

WIGGER, B.
Das Auftreten von Impfschäden nach Maul- und Klauenseuche-Schutzimpfung im Kreis Ahaus. / Frequency of complications attributed to foot and mouth disease vaccination in the Ahaus area (of W. Germany). /
Inaug. Diss., Tierärztl. Hochsch. (Hannover), 159 p., 1971 (Ger.).
Index Vet. 41(7):115, 1973. PIL

FOWL PLAGUE

GDOVINOVA, A., VRTIAK, O.J., and SANGRET, M.
The cultivation of fowl plague virus at low temperatures.
Folia Vet. 16(3/4):171-183, 1972 (Engl.).
Index Vet. 41(6):59, 1973. PIL

PAFFENHOLZ, V., and SCHOLTISSEK, C.
Mode of replication and temperature characteristics of the RNA polymerase of an influenza virus in vitro.
Z. Naturforsch., Teil C 28C(3/4):208-213, 1973. PIL

SCHWARZ, R.T., and SCHOLTISSEK, C.
Purification and properties of the RNA polymerase-template complex of an influenza virus.
Z. Naturforsch., Teil C 28C(3/4):202-207, 1973. PIL

RIFT VALLEY FEVER

PATTISON, M.
Histopathology of some viral infections of the central nervous system of the domestic fowl. --Review article.
Vet. Bull. 43(6):305-310, 1973. PIL

RINDERPEST

ISHII, S., and others.*
An indirect hemagglutination of rinderpest virus with glutaraldehyde-treated erythrocytes.
Pres. Proc. 73rd Meet. Jap. Soc. Vet. Sci., Nihon Univ., April 2-4, 1972.
* Cited in: Jap. J. Vet. Sci. 35(1):4(52), 1973. PIL

IYIGÖREN, B., ÜNLÜ, M., and YONGUC, A.D.
Sigir vebasina karsi buzagilarda aktif ve pasif bagisiklik üzerinde denemeler. [Studies on maternal and active immunity against rinderpest in calves.]
English summary.
Etlik Vet. Bakteriyol. Enst. Derg. 4(1-2):13-36, 1972(Turk.). PIL

JANISZEWSKI, J.
50th anniversary of cattle plague eradication in Poland.
Med. Weter. 29(3):187-189, 1973 (Pol.).
Bibliogr. Agric. 37(8):48(075757), 1973. PIL

KRISHNAN, R., and RAO, D.V.R.
Experimental rinderpest in sheep.
Cheiron 1(1):1-7, 1972.
Vet. Bull. 43(6):318-319(2512), 1973. PIL

PHILLIPS, L.A., and BUSSELL, R.H.
Buoyant density of canine distemper virus.
Arch. Gesamte Virusforsch. 41(4):310-318, 1973. PIL

SINGH, G.
Conglutinating complement antibody response in buffalo bulls following simultaneous inoculation with the virulent rinderpest virus and antirinderpest serum.
Indian J. Anim. Health 11(2):157-162, 1972.
Vet. Bull. 43(6):319(2514), 1973. PIL

SONODA, A., and others.*
Studies on rinderpest tissue culture vaccine.
IV. Stability and immunogenicity of lapinized-avianized (LA) virus vaccine produced with Vero cell line.
Pres. Proc. 74th Meet. Jap. Soc. Vet. Sci., Obihiro Zootech. Univ., August 30-31, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):25(43), 1973.
* PIL

WORLD HEALTH ORGANIZATION. SCIENTIFIC GROUP.
Cell-mediated immunity and resistance to infection. Geneva, 1973.
64 p. (WHO Technical Report Series No. 519)
Report.
Publ. in: Int. Arch. Allergy Appl. Immunol. 44(4):585-648, 1973. PIL

YAMANOUCHI, K., and others.*
Basic studies on the mode of infection by rinderpest virus in rabbits.
Pres. Proc. 74th Meet. Jap. Soc. Vet. Sci., Obihiro Zootech. Univ., August 30-31, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):25(42), 1973.
* PIL

BIGNAMI, A., and PARRY, H.B.
Electron microscopic studies of the brain of sheep with natural scrapie. II. The small nerve processes in neuronal degeneration.
Brain 95(3):487-494, 1972.
Excerpta Med.-Virol.-Sect. 47 3(4):271-272(1522), 1973. PIL

CARP, R.I., and others.*
Replication of the factor in scrapie material that causes a decrease in polymorphonuclear neutrophils.
J. Infect. Dis. 128(2):256-258, 1973.
*P.A. Merz, P.C. Licursi, and G.S. Merz. PIL

DIENER, T.O.
Similarities between the scrapie agent and the agent of the potato spindle tuber disease.
Scand. J. Clin. Lab. Invest. 31(Suppl. 130), 7, 1973 (Engl.).
Index Vet. 41(7):79, 1973. PIL

HUNTER, G.D.
Viral and non-viral properties of the scrapie agent.
Scand. J. Clin. Lab. Invest. 31(Suppl. 130), 7, 1973 (Engl.).
Index Vet. 41(7):88, 1973. PIL

LIVETT, B.G., and PARRY, H.B.
The distribution of vasopressin and neurophysin in the hypothalamo-distal-neurohypophysial and hypothalamo-infundibular neurosecretory systems of normal and scrapie-affected sheep.
J. Physiol.(Lond.) 230(1):20P-22P, 1973.
Index Vet. 41(7):94, 1973. PIL

MILLSON, G.C., and BOUNTIFF, L.
Glycosidases in normal and scrapie mouse brain.
J. Neurochem. 20(2):541-546, 1973.
Vet. Bull. 43(6):334(2673), 1973. PIL

SHEEP POX

ANANDAN, R., and others.*
Studies on live and inactivated sheep pox vaccines.
Cheiron 1(1):42-55, 1972.
Vet. Bull. 43(6):317-318(2501), 1973.
*S. Sundararajan, G. Kannamani, and M.S. Jayaraman. PIL

VENEZUELAN EQUINE ENCEPHALOMYELITIS

ANON.
Importancia creciente de la encefalitis equina venezolana. [Increading prominence of Venezuelan equine encephalitis.]
Zoonosis. Bol. Trimest., Centro Panam. Zoonosis 14(2):81-83, 1972 (Span., Engl.). PIL

ELDRIDGE, B.F.
U.S. Army activities in 1971 Venezuelan equine encephalitis outbreak in Mexico and Texas.
Calif. Mosq. Control Assoc. Proc. Pap. 40:5-7, Maps, Jan./Feb., 1972.
Bibliogr. Agric. 37(8):114(079969), 1973. PIL

HAYES, R.O.
Surveillance for Venezuelan equine encephalitis activity during 1972.
Utah Mosq. Abatement Assoc. Proc. 25th:22-24, April 27, 1973.
Bibliogr. Agric. 37(8):115(080036), 1973. PIL

JAHRLING, P.B.
Comparative pathogenesis, virulence homogeneity, and genetic stability of selected Venezuelan encephalitis viruses.
Diss. Abstr. Int. B Sci. Eng. 33B(6):2720, 1972 (Engl.).
Index Vet. 41(6):62, 1973. PIL

KUBES, V., and RUIZ, J.A.
Encefalomielitis equina tipo Venezuela y pruebas de proteccion en ratones contra tres cepas EEV Centroamericanas. [Venezuelan equine encephalomyelitis and protection tests in mice against three Central American VEE strains.]
Rev. Fac. Med. Vet. Zootec., Univ. San Carlos (Guatem.) 4(1):15-19, 1972 (Span., engl.).
Vet. Bull. 43(6):318(2511), 1973. PIL

MARTIN, D.H.
Host preferences of Deinoberites pseudes Dyar and Knab.
J. Med. Entomol. 10(2):206-208, Map, 1973.
Bibliogr. Agric. 37(8):114(080006), 1973. PIL

RAVE-V., G., and MORALES-G., G.
Respuesta hematologica y termica a la inoculacion del virus de encefalitis tipo Venezuela en equinos y asnales. [Hematologic and thermal response to inoculation of the Venezuelan equine encephalomyelitis virus in horses and donkeys.]
Rev. Inst. Colomb. Agropecu. 7(1):57-64, 1972 (Engl. summ.).
Biol. Abstr. 56(2):903(9043), 1973. PIL

SHOPE, R.E., and WOODALL, J.P.
Ecological interaction of wildlife, man, and a virus of the Venezuelan equine encephalomyelitis complex in a tropical forest.
J. Wildl. Dis. 9(3):198-203, 1973. PIL

ANKEL, H., and others.*
Antiviral effect of interferon covalently bound to Sepharose.
Proc. Natl. Acad. Sci. U.S.A. 70(8):2360-2363, 1973.
*C. Chany, B. Galliot, M.J. Chevalier, and M. Robert. PIL

BRAS-HERRENG, F.
Etude de l'evolution d'une population du virus Sindbis au cours de passages successifs sur la drosophile. [Changes in the properties of Sindbis virus during passage experiments in "drosophila".]
English summary.
Ann. Microbiol. (Inst. Pasteur) 124A(4):507-533, 1973. PIL

BUSSEREAU, F.
Etude du symptome de la sensibilite au CO_2 produit par le virus de la stomatite vesiculaire chez Drosophila melanogaster. III. Souches de differents serotypes. [Vesicular stomatitis virus induced CO_2 sensitivity in "Drosophila melanogaster". III. A study of different serotypes of the virus.]
English summary.
Ann. Microbiol. (Inst. Pasteur) 124A(4):535-554, 1973. PIL

DAVID, A.E.
Assembly of the vesicular stomatitis virus envelope: incorporation of viral polypeptides into the host plasma membrane.
J. Mol. Biol. 76(1):135-148, 1973. PIL

DE CLERCQ, E., STEWART, W.E., II, and DE SOMER, P.
Poly(rI) more important than poly(rC) in the interferon induction process by poly(rI)·poly(rC).
Virology 54(1):278-282, 1973. PIL

FLEISCHMANN, W.R., Jun., and SIMON, E.H.
Effect of interferon on virus production from isolated single cells.
J. Gen. Virol. 20(2):127-137, 1973. PIL

GOBERT, J.G., and others.*
Recherche sur le mecanisme d'action d'un inducteur viral de l'interferon dans la protection de la Souris contre l'infestation massive par des formes endoerythrocytaires de Plasmodium berghei. [Research on the mechanism of action of a viral inductor of interferon in the protection of the mouse against a massive infestation by endoerythrocytic forms of Plasmodium berghei.]
C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 274(8):1226-1229, 1972.
Biol. Abstr. 56(2):854(8524), 1973.
*P. Poindron, A. Germa[illegible], and J. Savel. PIL

GRUBMAN, M.J., and SUMMERS, D.F.
In vitro protein-synthesizing activity of vesicular stomatitis virus-infected cell extracts.
J. Virol. 12(2):265-274, 1973. PIL

JOUBERT, L., and others.*
Pathogenicite residuelle d'une souche de virus de la stomatite vesiculeuse contagieuse (Indiana) de culture cellulaire. II. Infections humaines au laboratoire.
Bull. Acad. Vet. Fr. 46(3):129-133, 1973.
*M. Fedida, M. Prave, C. Favier, and M. Peillon. PIL

McFADDEN, G.K., TRUITT, R.L., and SHECHMEISTER, I.L.
Ultrastructural examination of phytohemagglutinin stimulated lymphocytes infected with vesicular stomatitis virus.
Arch. Gesamte Virusforsch. 41(3):229-237, 1973. PIL

SIEGEL, B.V., BROWN, M., and MORTON, J.I.
Interferon induction in New Zealand Black mice by murine leukemia virus.
J. Immunol. 111(2):644-646, 1973. PIL

SORIA, M., and HUANG, A.S.
Association of polyadenylic acid with messenger RNA of vesicular stomatitis virus.
J. Mol. Biol. 77(3):449-455, 1973. PIL

TOKUDA, G., and others.*
Studies on pathogenicity of vesicular stomatitis virus.
Pres. Proc. 74th Meet. Jap. Soc. Vet. Sci., Obihiro Zootech. Univ., August 30-31, 1972.
Cited in: Jap. J. Vet. Sci. 35(1):25(44), 1973.
* PIL

WALTER, G., and MUDD, J.A.
Iodination of vesicular stomatitis virus with lactoperoxidase.
Virology 52(2):574-577, 1973. PIL

WERTZ, G.W., and LEVINE, M.
RNA synthesis by vesicular stomatitis virus and a small plaque mutant: effects of cycloheximide.
J. Virol. 12(2):253-264, 1973. PIL

VISNA DISEASE

HAASE, A.T., and LEVINSON, W.
Inhibition of RNA slow viruses by thiosemicarbazones.
Biochem. Biophys. Res. Commun. 51(4):875-880, 1973. PIL

HARTER, D.H., and others.*
The relationship of visna, maedi and RNA tumor viruses as studied by molecular hybridization.
Virology 52(1):287-291, 1973.
*R. Axel, A. Burny, S. Gulati, J. Schlom, and S. Spiegelman. PIL

MACINTYRE, E.H., and VATTER, A.E.
Comparisons of human and sheep cells infected with visna virus.
[Abstract.]
J. Neuropathol. Exp. Neurol. 32(1):180, 1973.
Biores. Index 9(7):1289(56288), 1973. PIL

MACINTYRE, E.H., WINTERSGILL, C.J., and VATTER, A.E.
Visna virus infection of sheep and human cells in vitro - an ultrastructural study.
J. Cell Sci. 13(1):173-191, 1973. PIL

MISCELLANEOUS

KHRISTOV, S., and others.*
Semennata technost ot bitsi— potentsialen nositel na kherpesni i pikorna virusi. [Bull semen as a potential carrier of herpes and picorna viruses.]
Vet. Med. Nauki 10(1):25-31, 1973 (Bulg.,engl.).
Index Vet. 41(7):90, 1973.
*I. Karadjov, T. Stoyanov, and K. Bakardjiev. PIL &
Abstr. in: Vet. Bull. 43(8):418(3363), 1973. #8769

PARRA, C.A.
Hand, foot and mouth disease: light and electron microscopic observations.
Arch. Dermatol. Forsch. 245(2):147-153, 1972.
Biol. Abstr. 56(1):315(3184), 1973. PIL

RICHARDS, F.F., and KONIGSBERG, W.H.
How specific are antibodies?
Immunochemistry 10(3):545-553, 1973. PIL